



NOTE:
FIELD VERIFY THE THICKNESS
OF ALL SHIMS

REVISIONS ARE REVIEWED UNLESS NOTED OTHERWISE

NO EXCEPTION TAKEN	X
REVISIONS NOTED	
REVISIONS NOT REQUIRED	
REVISIONS NOTED	
REVISIONS NOT REQUIRED	
REJECTED	

DATE: 3/24/19

SIGNATURE: [Signature]

REVIEW BY STANTEC IS FOR THE SOLE PURPOSE OF ASCERTAINING GENERAL CONFORMITY WITH DESIGN. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS, FABRICATION AND CONSTRUCTION METHODS, COORDINATION OF SUB-TRADES, DETAIL DESIGN OF COMPONENTS, AND ERRORS OR OMISSIONS ON SHOP DRAWINGS.

GALVANIZING NOTES

- ALL WELDS SHALL BE SEALED
- VENT AS REQUIRED
- COMPLETE FINAL ASSEMBLY OF BOLTED ITEMS AFTER GALVANIZING. WIRE-BRUSH ALL CONTACTING SURFACES TO A DULL-GRAY APPEARANCE PRIOR TO ASSEMBLY

FB THIS DWG
40- 3/8" x 2 1/2" (A325 GALV.) BOLT w/NUT

BILL OF MATERIAL							
MARKS	SHIP TEMP	QTY	MATERIAL	FT	IN	GR	REMARK'S
19M1		ONE	R.L. x 8	1	4 1/2	Gr 36	
19M2		ONE	R.L. x 8	2	8	Gr 36	
19M3		ONE	R.L. x 8	2	6 1/2	Gr 36	
19M4		ONE	R.L. x 8	2	6 1/2	Gr 36	
19M5		ONE	R.L. x 8	2	5 1/2	Gr 36	
19M6		ONE	R.L. x 8	2	5 1/2	Gr 36	
19M7		ONE	R.L. x 8	1	3 1/2	Gr 36	
19M8		ONE	R.L. x 8	1	3 1/2	Gr 36	
19M9		ONE	R.L. x 8	1	1 1/2	Gr 36	
19M10		ONE	R.L. x 8	1	1 1/2	Gr 36	
19M11		ONE	R.L. x 8	1	3 1/2	Gr 36	
19M12		ONE	R.L. x 8	1	3 1/2	Gr 36	
19M13		ONE	R.L. x 8	1	1 1/2	Gr 36	
19M14		ONE	R.L. x 8	1	1 1/2	Gr 36	

MATL

- ALL MAT'L SHALL CONFORM TO AASHTO M 270/M 270 GRADE 50 (UNLESS NOTED)
- 'CVN' INDICATES CHARPY 'V' NOTCH TESTED
- 'FCM' INDICATES 'FRACTURE CRITICAL MEMBER'

WELD: E70xx
HOLES: 3/8" UNO
PREP: SSPC-SP8
PAINT: GALVANIZED AND AIR COOLED (NOT QUENCHED) (SEE GALVANIZING NOTES)

3/11/09 PER APPL COMMENTS DATED 3/06/09

ARC ENTERPRISES, INC.
KINGFIELD, MAINE

PROJECT: STATE OF VERMONT - AGENCY OF TRANSPORTATION
BRIDGE No 31 - RICHMOND, VERMONT

SCALE: NTS APPROVED BY: [Signature] DRAWN BY: KAJ
DATE: 2/18/09 CHKD BY: CND5-DB2

BRIDGE # HIGHWAY #1 OVER WINOOSKI RIVER
SHIM PLATE DETAILS

T BUCK CONSTRUCTION DWG NO. 09-113 - 19/A